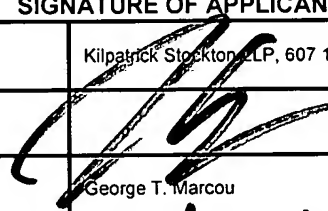


cojc

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing) AUG 28 2006 U.S. PATENT AND TRADEMARK OFFICE	Application Number	10/821,928 (Patent No. 7,085,416)
	Filing Date	April 12, 2004 (Issued August 1, 2006)
	First Named Inventor	Jessica Miriam SUNSHINE, et al.
	Art Unit	2623
	Examiner Name	Vikkram Bali
	Attorney Docket Number	SAIC0056 CON2

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Certificate of Correction (2 pp.); Certificate of Correction (1 p.)
<b>Remarks</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Kilpatrick Stockton LLP, 607 14 <sup>th</sup> Street, N.W., Suite 900, Washington, DC 20005		
Signature			
Printed Name	George T. Marcou		
Date	8/28/06	Reg. No.	33,014

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 30 2006

DOCKET NO: SAIC0056-CON2



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Patent Application of:

Jessica Miriam SUNSHINE, et al.

Art Unit: 2623

App. Serial No.: 10/821,928

Examiner: Vikkram Bali

Patent No.: 7,085,416

Filing date: April 12, 2004

Issue date: August 1, 2006

For: METHOD FOR SELECTING REPRESENTATIVE ENDMEMBER  
COMPONENTS FROM SPECTRAL DATA

**REQUEST FOR CERTIFICATE OF CORRECTION**

U.S. Patent and Trademark Office  
Customer Service Window  
Attn: Certificate of Correction Branch  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

The undersigned requests that a Certificate of Correction be issued for the above-identified patent as indicated on the attached Form PTO/SB/44 (04-05).

This request is being made in order to correct errors in Claims 2, 5, 10, and 13.

Since this Request for Certificate of Correction is being filed due to an error by the U.S. Patent and Trademark Office, no fees are believed to be necessary. However, the Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment, to Deposit Account No. 501458. A duplicate copy of this letter is submitted

AUG 30 2006

Serial No. 10/821,928  
Patent No. 7,085,416

2

Docket No. SAIC0056-CON2

herewith for that purpose.

Respectfully submitted,

Date:

8/28/02

By:



KILPATRICK STOCKTON LLP  
607 14th Street, N.W., Suite 900  
Washington, D.C. 20005  
Telephone: (202) 508-5800

George T. Marcou  
Registration No. 33,014

36609/300436  
Doc. No. 9446593

AUG 30 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,085,416

Page 1 of 1

APPLICATION NO. : 10/821,928

ISSUE DATE : August 1, 2006

INVENTOR(S) : Jessica Miriam SUNSHINE, Stefanie TOMPKINS, and Kellie Sue MCNARON-BROWN

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

### IN THE CLAIMS -

In Column 10, Line 58, please change "candidate endinember." to -- candidate endmember. --

In Column 11, Line 19, please change "wherein the metric combines the frequency of cocur-" to -- wherein the metric combines the frequency of occur- --

In Column 12, Line 10, please change "vegetation endrnember, a soil endmember and a nonphoto-" to -- vegetation endmember, a soil endmember and a nonphoto- --

In Column 12, Line 16, please change "the nonphoto synthetic vegetation spectra being determined" to -- the nonphotosynthetic vegetation spectra being determined --

In Column 12, Line 28, please change "of multiple pixein is at most 500." to -- of multiple pixels is at most 500. --

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Kilpatrick Stockton LLP  
607 14<sup>th</sup> Street, N.W., Suite 900  
Washington, DC 20005

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

AUG 30 2006